



Personal Health Record (PHR) - An Overview

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New Delhi (NCR)

Topics Covered

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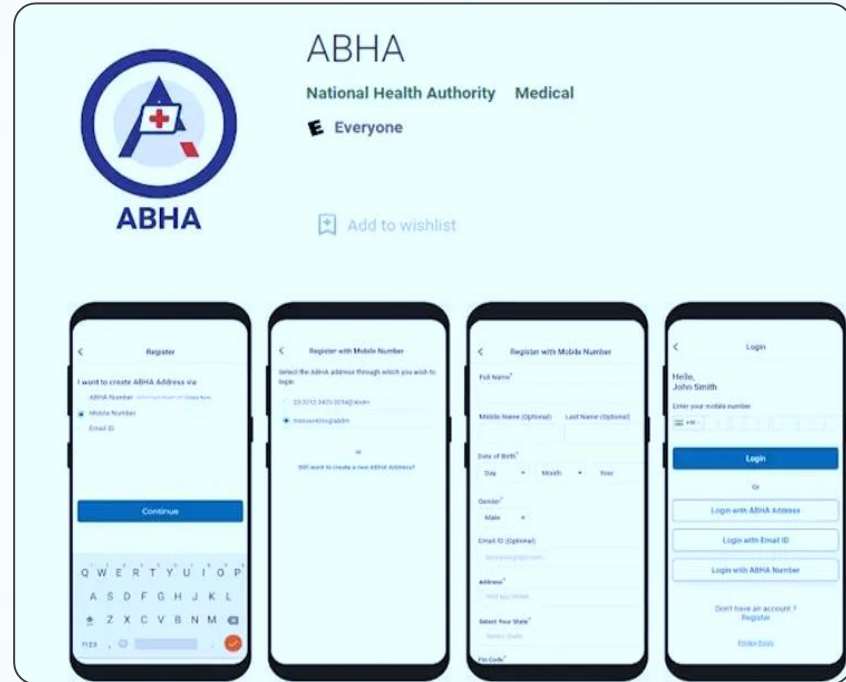
06 **Consent Management**

01

PHR Overview

PHR Overview

A personal health record (PHR) is an electronic record of health-related information of an individual while being managed, shared, and controlled by the individual.



A screen shot of the ABHA App on the Google PlayStore

02

Need for
PHR

Why PHR?

Currently available PHR

- There are varied number of open source PHR apps which are available and being used.
- These PHR apps are mostly on a centralized storage model opposed to a federated architecture.
- No provision for accessing and exchanging of health records between various care provider organizations.
- No provision to capture and represent a longitudinal view of the patient's clinical history

ABDM PHR

- ABDM PHR is a citizen facing PHR application that enables individual to view a longitudinal record from various health care providers.
- It provides facility to manage and exchange the health records of patients using federated architecture.
- The consent feature of ABDM PHR will provide the facility of consent management for data sharing.

03

Key Features
and Benefits

Key Features and Benefits

Enables users to view a longitudinal record, comprising of all health data, lab reports, treatment details, discharge summaries etc.

- Creation of ABHA No. and/or ABHA No.
- Discovery of Health Information
- Linking of health records/ with a given PHR (ABHA Address)
- View Health Records
- Management of consents
- Selecting the health locker for storing the health records
- Search for facilities/doctors

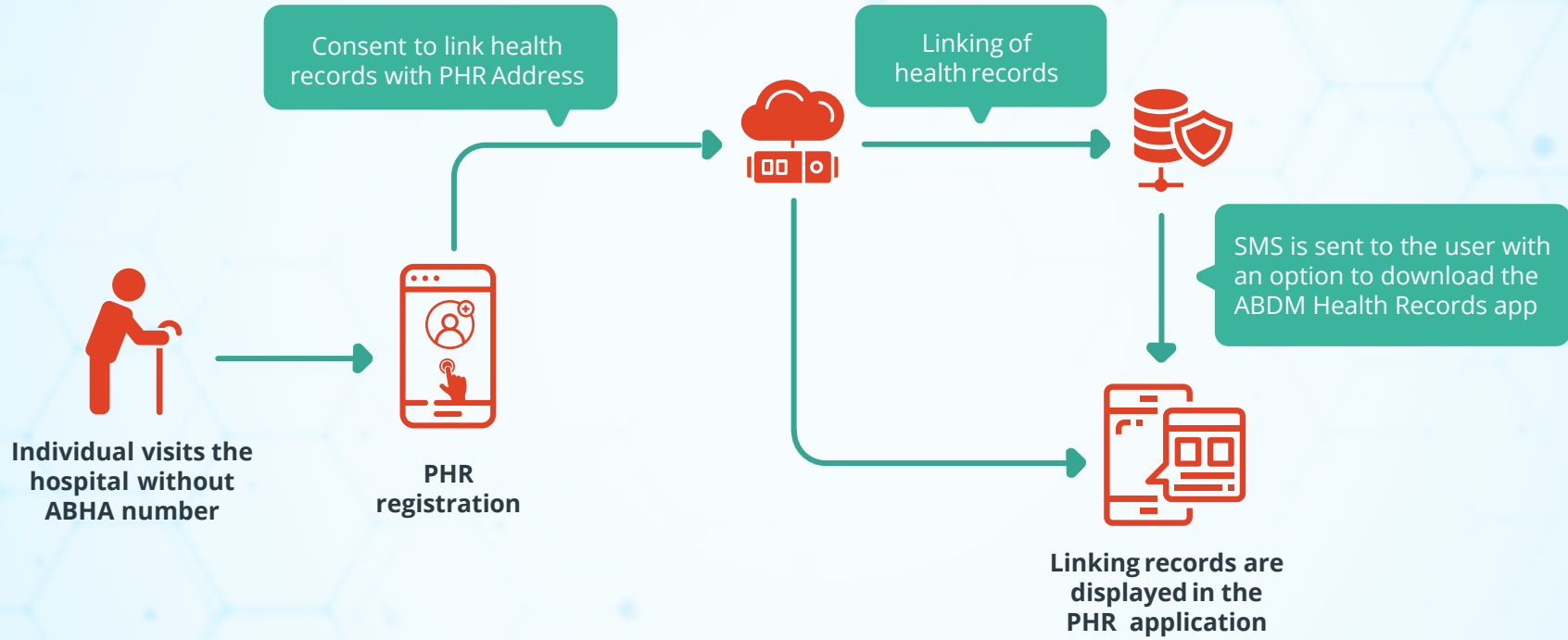
ABDM Health Records



04

User Case

Use Case Scenario



05

Flow of
Longitudinal
Health Record

Flow of Longitudinal Health Record

A. Patient Registration Flow

- Creation of new health ID/PHR via Aadhaar/Mobile OTP flow (existing flow)

B. Data Access by Patient Flow

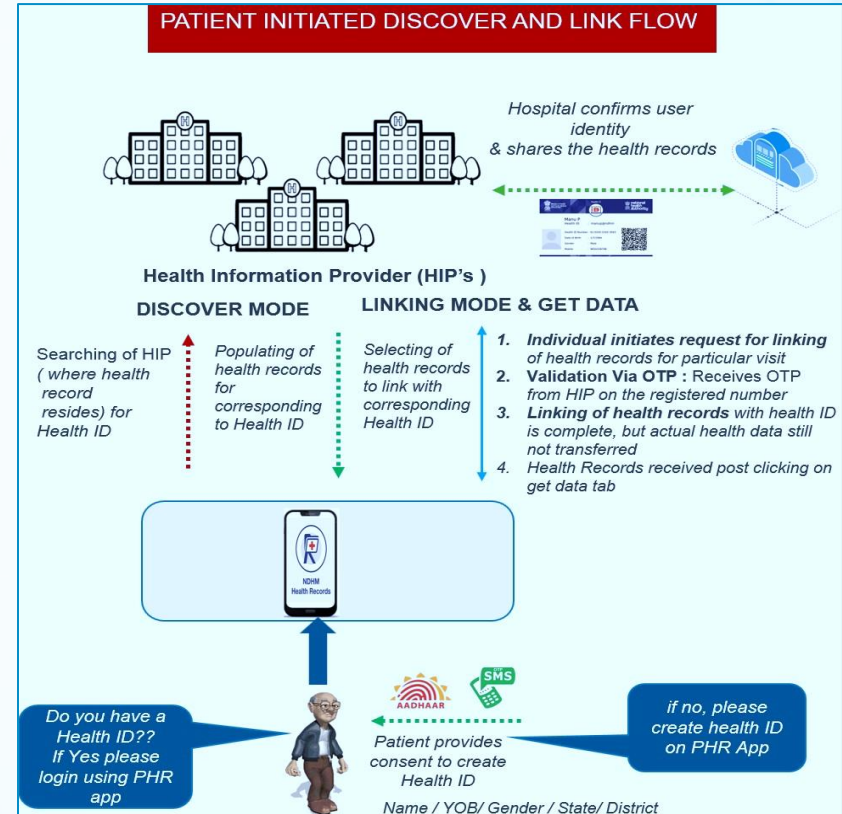
- User search the HIP where record resides
- Share the demographic details with HIP
- Further, the HIP shares the information for the given PHR/health ID

❑ Linking flow

- OTP is sent by HIP to user on registered mobile number
- User fills the OTP and complete the authorization
- linking of health records (that were created by HIP) with PHR Address, and that information is stored on HIECM

❑ Data Flow

- HIU at the backend sends a consent request, informing that this app wants to view the records
- Post this the records are fetched from the HIP into the app



06

Consent
Management

Consent Management

C. Data Access by Doctor Flow

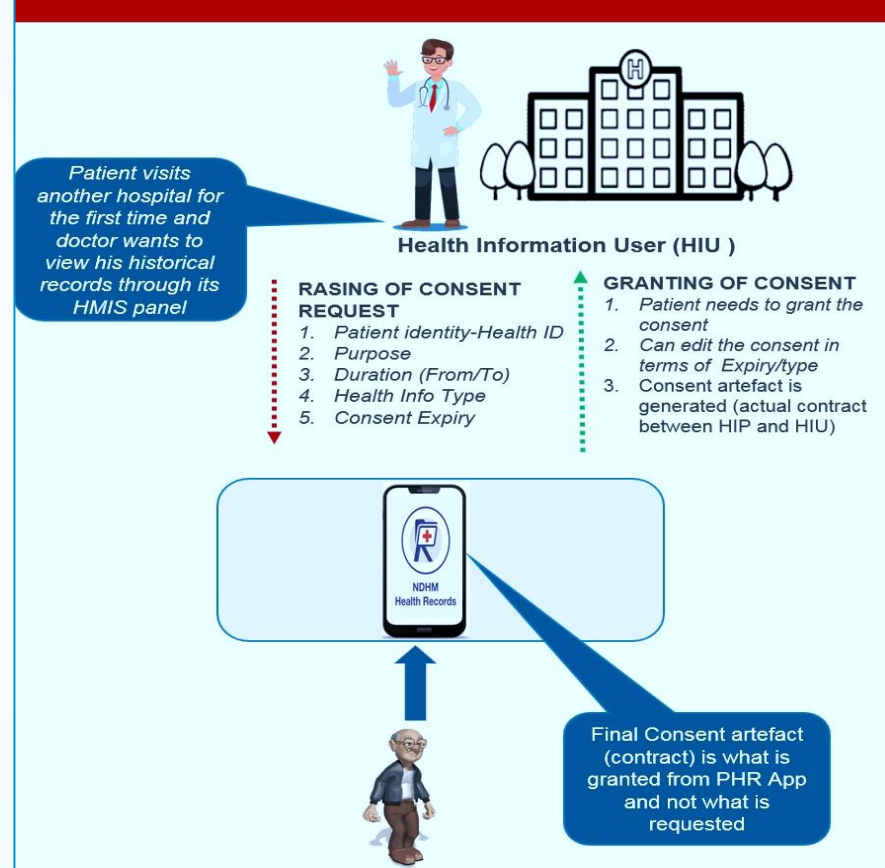
○ Consent Flow

Consent Flow in which a **consent request is generated** by a **HIU software system**, and post that, a consent artefact is created and shared with the HIU and HIP.

○ Data Flow

- Once consent for fetching health information has been obtained, the HIU can fetch health information from the HIP.
- Users' personal health records (PHRs) are formed on the go (in real-time) and are stored in the HIU server for the time mentioned in the consent request

RAISING CONSENT REQUEST FOR VIEWING HEALTH RECORDS





Thankyou